

## **Application Data Sheet**

### **Application Information**

Application number::

Filing Date::

Application Type:: Regular

Subject Matter:: Utility

Suggested classification::

Suggested Group Art Unit::

CD-ROM or CD-R??::

Number of CD disks::

Number of copies of CDs::

Sequence Submission::

Computer Readable Form (CRF)?::

Number of copies of CRF::

Title:: Collimator Array and Optical Switch Using the  
Same

Attorney Docket Number:: 16869S-084100US

Request for Early Publication:: No

Request for Non-Publication:: No

Suggested Drawing Figure::

Total Drawing Sheets:: 10

Small Entity?:: No

Latin name::

Variety denomination name::

Petition included?:: No

Petition Type::

Licensed US Govt. Agency::

Contract or Grant Numbers One::

Secrecy Order in Parent Appl.: No

### **Applicant Information**

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Tadaaki  
Middle Name::  
Family Name:: ISHIKAWA  
Name Suffix::  
City of Residence:: Tsuchiura-shi  
State or Province of Residence::  
Country of Residence:: Japan  
Street of Mailing Address:: c/o Hitachi, Ltd.  
Postal Address Line Two:: Intellectual Property Group  
Postal Address Line Three:: New Marunouchi Bldg., 5-1  
Postal Address Line Four:: Marunouchi 1-chome, Chiyoda-ku  
City of Mailing Address:: Tokyo  
State or Province of mailing address::  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 100-8220

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Ryoji  
Middle Name::  
Family Name:: OKADA  
Name Suffix::  
City of Residence:: Chiyoda-machi  
State or Province of Residence::  
Country of Residence:: Japan  
Street of Mailing Address:: c/o Hitachi, Ltd.  
Postal Address Line Two:: Intellectual Property Group  
Postal Address Line Three:: New Marunouchi Bldg., 5-1

Postal Address Line Four:: Marunouchi 1-chome, Chiyoda-ku  
City of Mailing Address:: Tokyo  
State or Province of mailing address::  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 100-8220

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Teruhisa  
Middle Name::  
Family Name:: AKAZHI  
Name Suffix::

City of Residence:: Moriya-shi  
State or Province of Residence::  
Country of Residence:: Japan  
Street of Mailing Address:: c/o Hitachi, Ltd.  
Postal Address Line Two:: Intellectual Property Group  
Postal Address Line Three:: New Marunouchi Bldg., 5-1  
Postal Address Line Four:: Marunouchi 1-chome, Chiyoda-ku  
City of Mailing Address:: Tokyo  
State or Province of mailing address::  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 100-8220

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Takeshi  
Middle Name::  
Family Name:: HARADA  
Name Suffix::  
City of Residence:: Abiko-shi

State or Province of Residence::

Country of Residence:: Japan

Street of Mailing Address:: c/o Hitachi, Ltd.

Postal Address Line Two:: Intellectual Property Group

Postal Address Line Three:: New Marunouchi Bldg., 5-1

Postal Address Line Four:: Marunouchi 1-chome, Chiyoda-ku

City of Mailing Address:: Tokyo

State or Province of mailing address::

Country of mailing address:: Japan

Postal or Zip Code of mailing address:: 100-8220

Applicant Authority Type:: Inventor

Primary Citizenship Country:: Japan

Status:: Full Capacity

Given Name:: Atsushi

Middle Name::

Family Name:: KAZAMA

Name Suffix::

City of Residence:: Chiyoda-machi

State or Province of Residence::

Country of Residence:: Japan

Street of Mailing Address:: c/o Hitachi, Ltd.

Postal Address Line Two:: Intellectual Property Group

Postal Address Line Three:: New Marunouchi Bldg., 5-1

Postal Address Line Four:: Marunouchi 1-chome, Chiyoda-ku

City of Mailing Address:: Tokyo

State or Province of mailing address::

Country of mailing address:: Japan

Postal or Zip Code of mailing address:: 100-8220

### Correspondence Information

Correspondence Customer Number:: 20350

### **Representative Information**

Representative Designation::	Representative Number::	Representative Name::
Primary	27,431	Robert C. Colwell

### **Domestic Priority Information**

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
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### **Foreign Priority Information**

Country::	Application number::	Filing Date::
Japan	2002-179310	06/20/02
Japan	2003-112302	04/17/03

### **Assignee Information**

Assignee Name::	HITACHI, LTD.
Street of mailing address::	6, Kanda Surugadai 4-chome, Chiyoda-ku
City of mailing address::	Tokyo
State or Province of mailing address::	
Country of mailing address::	Japan
Postal or Zip Code of mailing address::	

This sheet is not to be filed with the USPTO, but retained in the prosecution file as a record of the DOCSOpen number. Fields having no information may be deleted from the ADS. For example, if there is no foreign priority claim, the foreign priority text may be deleted from the ADS.

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